



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,023	12/04/2001	Jon R. Stieber	180009.91206A	8248
26710	7590	12/27/2004	EXAMINER	
QUARLES & BRADY LLP 411 E. WISCONSIN AVENUE SUITE 2040 MILWAUKEE, WI 53202-4497			YUN, EUGENE	
			ART UNIT	PAPER NUMBER
			2682	

DATE MAILED: 12/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/005,023

Applicant(s)

STIEBER ET AL.

Examiner

Eugene Yun

Art Unit

2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/7/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Waller et al. (US 2001/0051922).

Referring to Claim 1, Waller teaches a networked cash management system, characterized by:

At least one cash handling device for performing at least one of the operations of coin sorting, coin counting, note counting, note sorting and cash redemption (see paragraph [0021]);

A control unit for performing with respect to the cash handling device at least one of the operations of accounting for cash dispensing, providing for cash settlement, monitoring maintenance information, said control unit providing commands to the cash handling device for operation of the cash handling device (see paragraph [0021]);

wherein said cash handling device and said control unit communicate through a wireless communication network operating according to a standard for locally distributed wireless networks (see paragraph [0018]); and

wherein the locally distributed wireless network communicates directly without intermediate servers and within a range between the cash handling device and the control unit of no more than approximately 100 meters (see paragraph [0063] and fig. 5 where the user with the control unit is right next to the cash handling device).

Referring to Claim 13, Waller teaches a wireless networked cash management system comprising:

A control unit including a radio frequency transceiver (fig. 6); and

A cash handling device, the cash handling device including a radio frequency transceiver for communicating cash handling data and status data to the control unit (see paragraph [0021]);

wherein the transceivers communicate directly with each other without the assistance of servers and wherein the transceivers communicate within a range of no more than approximately 100 meters (see paragraph [0063] and fig. 5 where the user with the control unit is right next to the cash handling device).

Referring to Claims 2, 16 and 19, Waller also teaches a coin handling device for performing at least one of the operations of coin sorting and totalizing, coin counting and cash redemption (see paragraph [0021]).

Referring to Claim 3, Waller teaches a currency handling device for performing at least one of the operations of note sorting, note counting and cash redemption, wherein said currency handling device and said control unit communicate through the wireless communication network (see paragraph [0021]).

Referring to Claim 4, Waller also teaches the cash handling device as a currency

handling device for performing at least one of the operations of note sorting and totalizing, note counting and cash redemption (see paragraph [0021]).

Referring to Claim 5 and 18, Waller also teaches at least one I/O device selected from a group consisting of: a printer, a scanner, a visual display, a keyboard, a cell phone, a pager, a personal digital assistant and a personal computer (see paragraph [0009]).

Referring to Claim 6, Waller also teaches the control unit electrically connected to a second network selected from a group consisting of: the Internet, an intranet, a LAN and a WAN (see paragraph [0067]).

Referring to Claim 7, Waller also teaches the second network utilizing at least one of a telephone dial-up modem, a digital satellite link modem and a broadband cable modem (see paragraph [0073]).

Referring to Claim 8, Waller also teaches operation according to the Bluetooth specification (see paragraph [0011]).

Referring to Claim 9, Waller also teaches operation according to the RS-232 protocol (see paragraph [0070]).

Referring to Claim 10, Waller also teaches operation in a frequency hopping, spread spectrum range of frequencies in a range from 2.4 GHz to 2.56 GHz (see paragraph [0011]).

Referring to Claim 12, Waller also teaches operation in a piconet distinguished from other networks by a selected frequency hopping sequence (see paragraph [0009]).

Referring to Claim 14, Waller also teaches a Bluetooth radio (see paragraph

Art Unit: 2682

[0009]).

Referring to Claims 11 and 15, Waller also teaches operation in the infrared frequency range according to the IrDA standard (see paragraph [0011]).

Referring to Claim 17, Waller also teaches the control unit comprising a computer (see paragraph [0009]).

Response to Arguments

3. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of


Art Unit: 2682

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (703) 305-2689. The examiner can normally be reached on 8:30am-5:30pm Alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (703) 308-6739. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Eugene Yun
Examiner
Art Unit 2682

EY


LEE NGUYEN
PRIMARY EXAMINER